

DOCKET NO.: NAK-066-USA-PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

K. Matsutani, et al.

Serial No.: **10/786,122**

Art Unit: **3725**

Filed: **February 26, 2004**

Examiner: **H. Le**

For: **Twisting Apparatus For Ultrafine Rectangular Bar**

**INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §§ 1.56, 1.97 and 1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the dictates of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants hereby submit an Information Disclosure Statement.

The JP60129042 reference attached hereto is the lying open application of the reference JB-61-53059, a publication after examination, cited in the Specification. The invention disclosed therein relates to a manufacturing method for a device for twisting a hollow-groove boring dental tool or dental filing tool.

The manufacturing method disclosed therein is for pressing and twisting a rod 4 having a triangular shaped cross section or square shaped cross section with a vice 5, 12. The vice 7 can move back and forth towards the rod 4, and contacts with corners A, B, and C, or A, B, C and D of the rods 4. The corners A, B, and C, or A, B, C and D are pressed by the vice 7 and transformed to be edges

of grooves of the dental tool as shown in Fig. 3(d) and Fig. 6C.

The JP60016324 reference attached hereto is the lying open application of the reference JB-62-22733, a publication after examination, cited in the Specification. With the twisting apparatus described herein, as well as the above apparatus, the positional relation between the corner portion of the ultrafine rectangular bar held by the chuck and the vise clamp is not controlled at all. That is, when the vise clamp is moved close to the ultrafine rectangular bar, the portion of the ultrafine rectangular bar that comes in contact with the vise clamp is not managed/controlled.

Therefore, when the twisting work for the ultrafine rectangular bar is started, the twisting starting position may be deviated in the axial direction between starting where the vise clamp contacts with a plane and starting where the vise clamp contacts with a corner portion, so that there arises a problem that the length of the twisting portion becomes not unified.

A first office action has been received as of this date in this application. Therefore, it is requested that the filing fee pursuant to 37 C.F.R. 1.17(p) of \$180.00 required for the filing of this Information Disclosure Statement be charged to Deposit Account No. 20-1424. Further, the Commissioner is hereby authorized to charge any additional fees necessary for the filing of this document to Deposit Account No. 20-1424, as well as credit any overpayments thereto.

It is respectfully requested that the Examiner consider each of these references and indicate such consideration by enclosing an appropriately initialed copy of the enclosed form PTO-1449 with the next communication from the Patent Office.

DOCKET NO.: NAK-066-USA-PCT

Respectfully submitted,

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Date: November 22, 2005

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CERTIFICATE OF MAILING

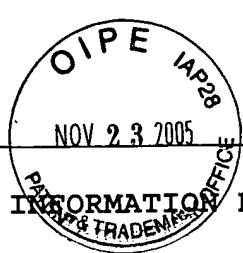
I hereby certify that this Information Disclosure Statement, accompanying PTO 1449 Form, and the two cited references herein, in Docket No. NAK-066-USA-P, Serial No. 10/786,122, filed February 26, 2004, was deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

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on November 22, 2005.

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Atty. Docket No.
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Serial No.
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Applicants:
K. Matsutani

Filing Date:
February 24, 2004

Group:
3725

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Page, Etc.)

		English Abstract of JP 601290942, published July 10, 1985
		English Abstract of JP 60016324, published January 28, 1985

***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.